

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,184,869 B2
APPLICATION NO. : 10/822610
DATED : February 27, 2007
INVENTOR(S) : Hiroyasu Oshima et al.

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title Page

In column 1, item (75), after "**Imai**," delete "Nagano" and substitute --Minamisaku-- in its place.

In the Claims

Column 32, in claim 6, line 33, immediately after " $\alpha_4]_{R1+2\Delta R}$ " delete ";and" and substitute -- and-- in its place.

Column 35, in claim 11, in the first equation, delete " Y_n " and substitute -- $L + Y_n$ -- in its place.

Column 35, in claim 11, in the second equation, delete " Y_n " and substitute -- $L + Y_n$ -- in its place.

Column 36, in claim 14, in the first equation, delete " Y_n " and substitute -- $L + Y_n$ -- in its place.

Column 36, in claim 14, in the second equation, delete " Y_n " and substitute -- $L + Y_n$ -- in its place.

Column 36, in claim 14, in the third equation, delete " Y_n " and substitute -- $L + Y_n$ -- in its place.

Column 36, in claim 14, in the fourth equation, delete " Y_n " and substitute -- $L + Y_n$ -- in its place (in all three occurrences).

Column 37, in claim 15, line 2 in subparagraph (h), before " $\alpha_2, \alpha_3, \alpha_4$ reach", delete α_n , and substitute -- α_1 -- in its place.

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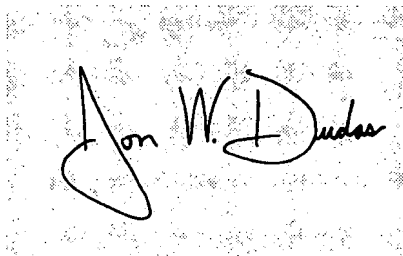
Page 2 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 38-39, in claim 18, line 3 in subparagraph (e), before "corre-" delete "an".

Signed and Sealed this

Twenty-eighth Day of August, 2007

A handwritten signature in black ink, reading "Jon W. Dudas". The signature is written in a cursive style with a large, stylized "J" and "D".

JON W. DUDAS
Director of the United States Patent and Trademark Office